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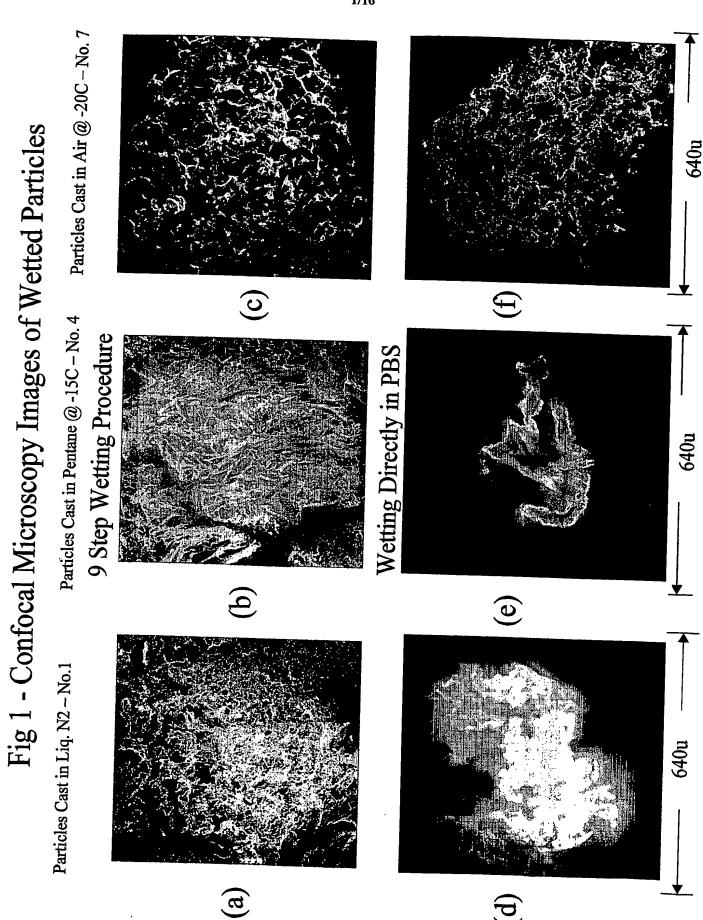
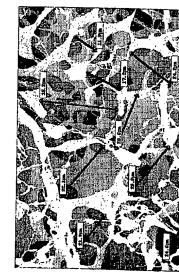


Figure 2 Dry Particulate Collagen Sponges

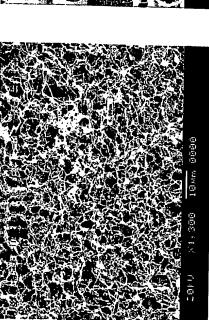
Particles Cast in Liq. N2 - No. 1

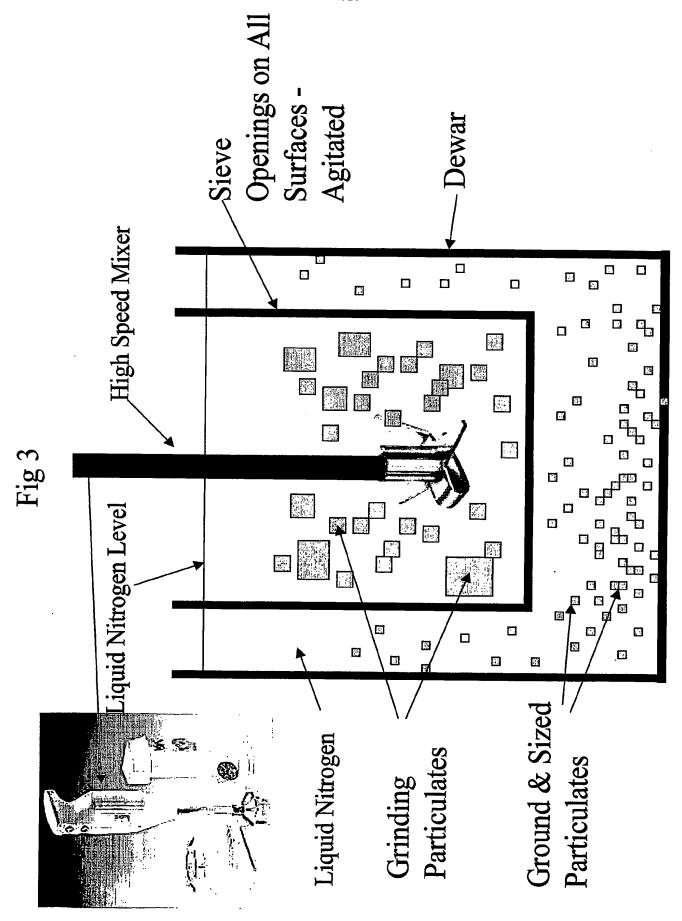
Particles Cast in Pentane @ -15C - No. 4

Particles Cast in Air @ -20C - No. 7









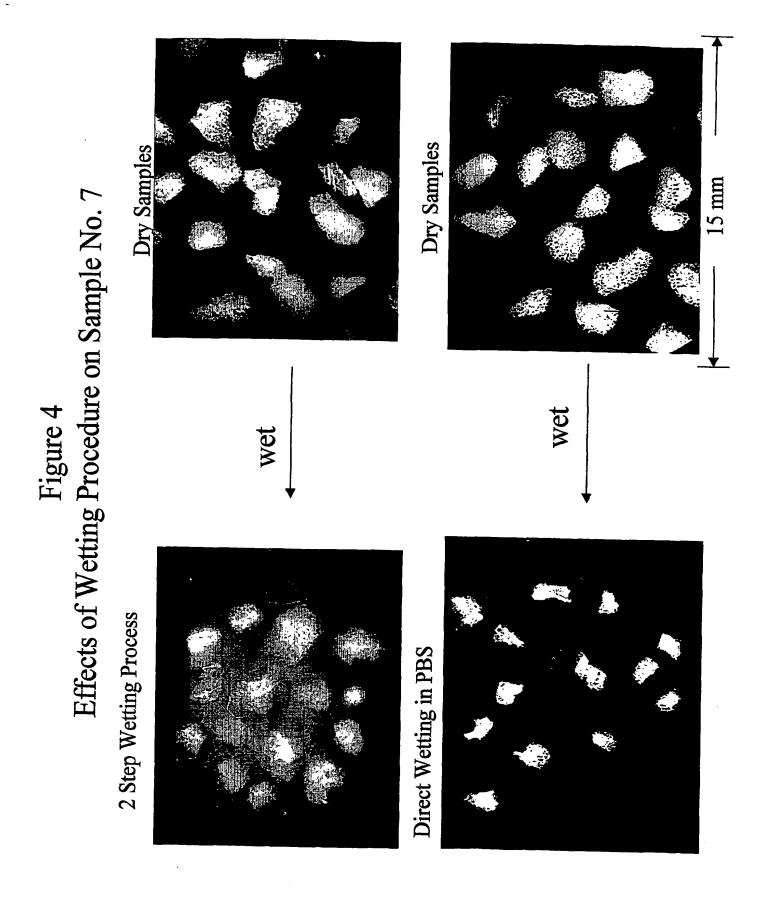


Fig. 5
Effects of Wetting Procedure on Sponge Sheets

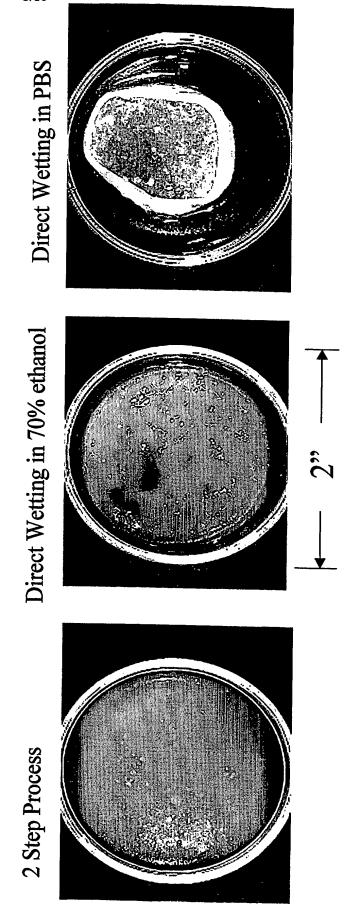


Fig 6
Proliferation of Porcine Fibroblasts on Collagen Particles

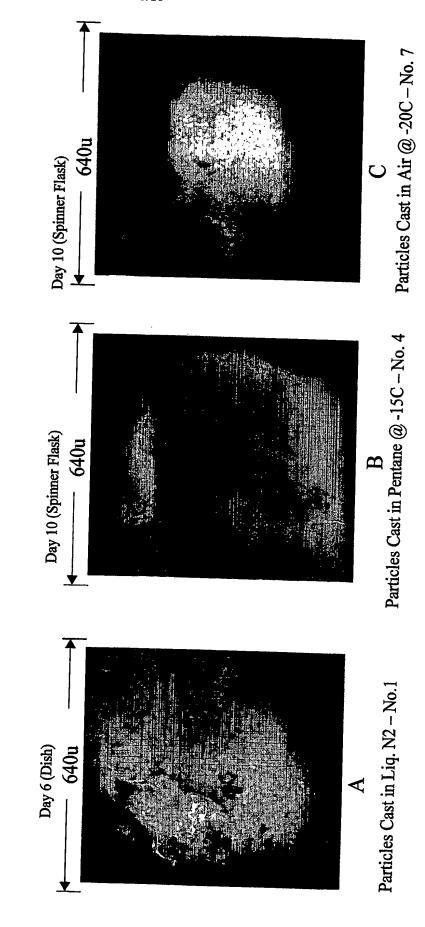


Figure 7

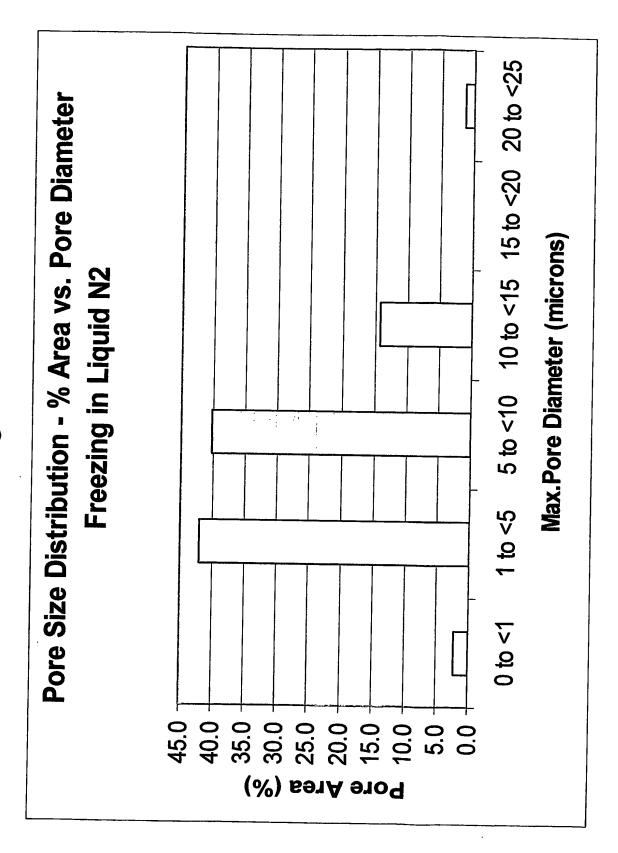


Figure 8

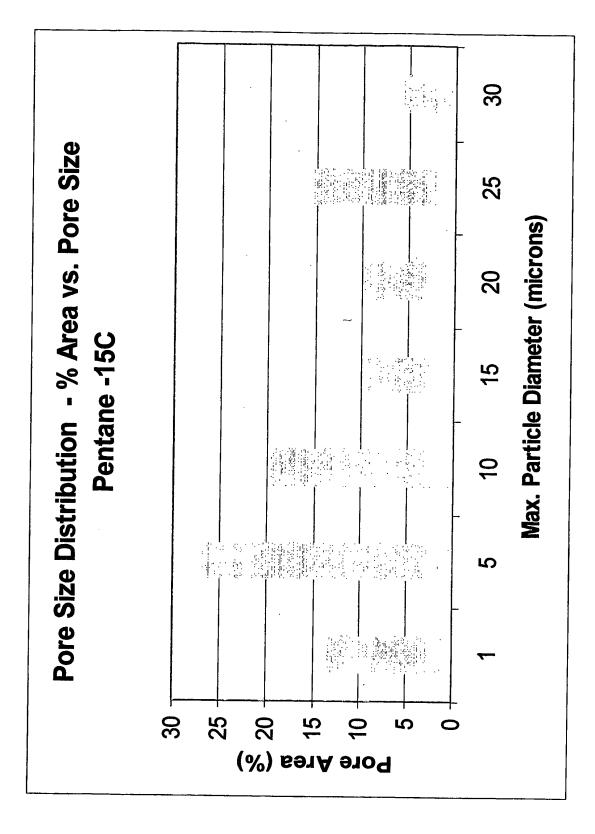


Figure 9

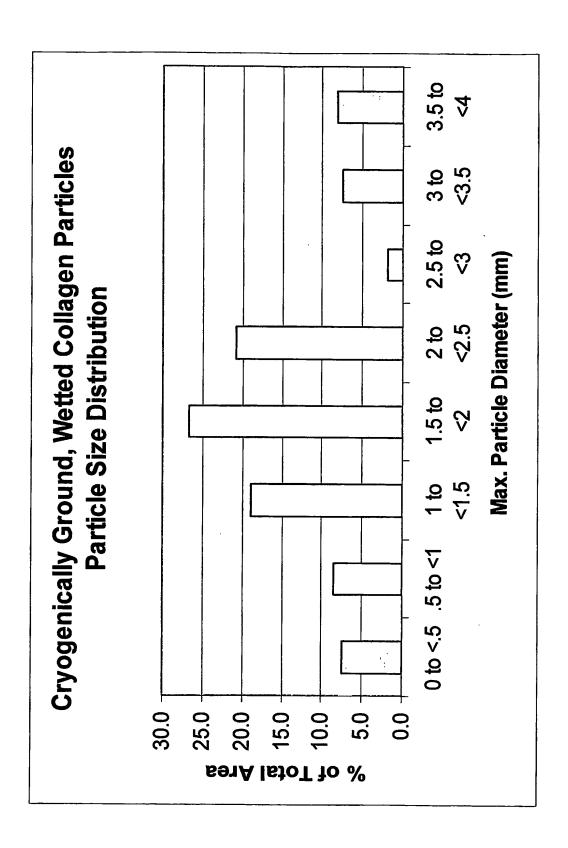
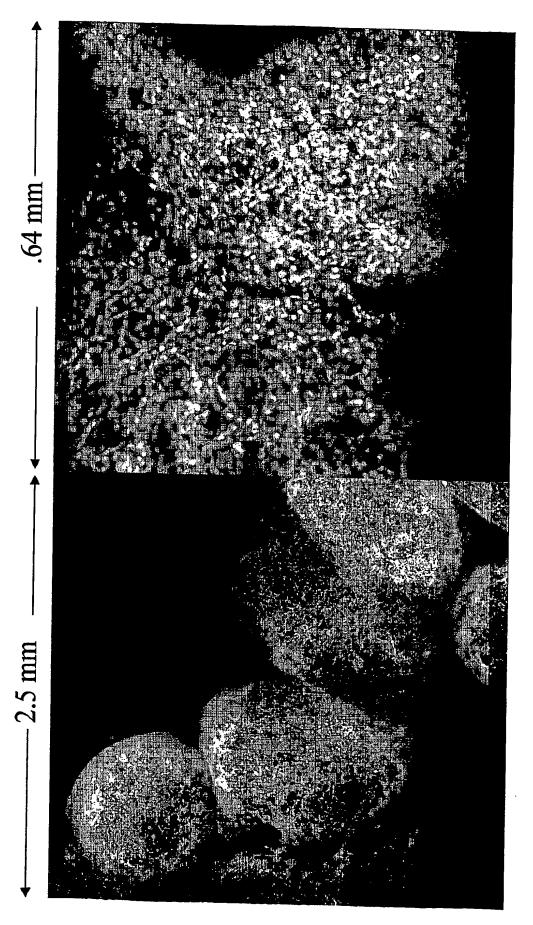
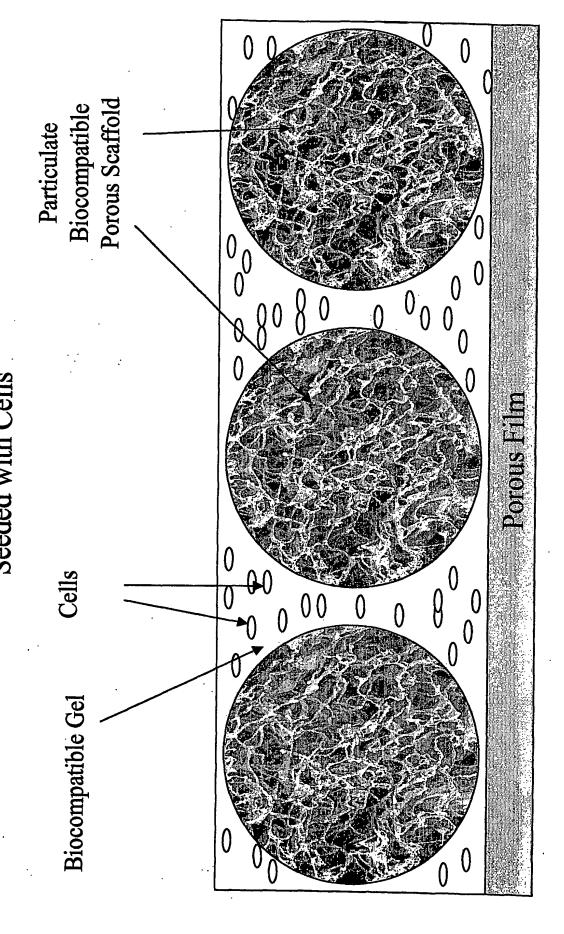


Fig. 10
Porcine Fibroblasts Cultured in vitro
On Porous Collagen Spheres
Pentane Spheres

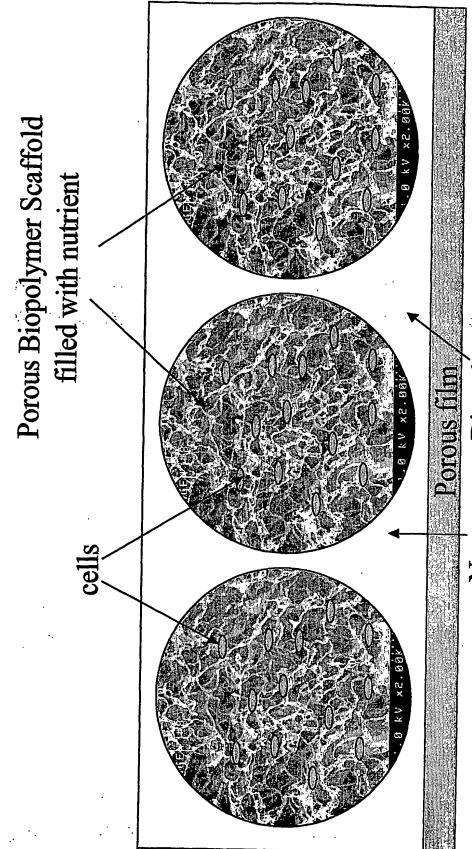


Continuous Process for Producing Heat Transfer Bed Sheet-Like Tissue Matrix Figure 11 Tissue Matrix Teed Mixture of cells Scaffold & gel or Mixture of Cells & gel Roll of Porous Lim Coating Trough

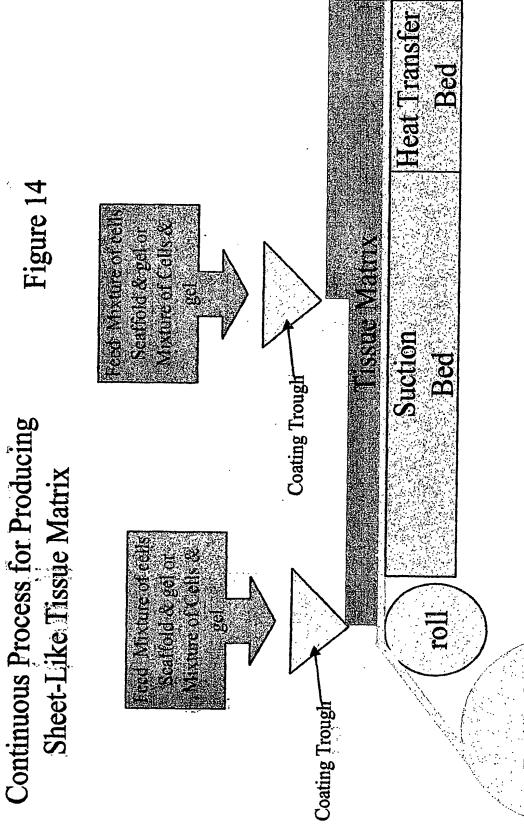
Figure 12
Particulate Biopolymer Scaffold Dispersed in a Biopolymer Gel
Seeded with Cells



Dispersion of Particulate, Biopolymer Scaffold Particles, Filled with Nutrient Solution, in a Biopolymer Gel Cells Seeded in Scaffold Figure 13



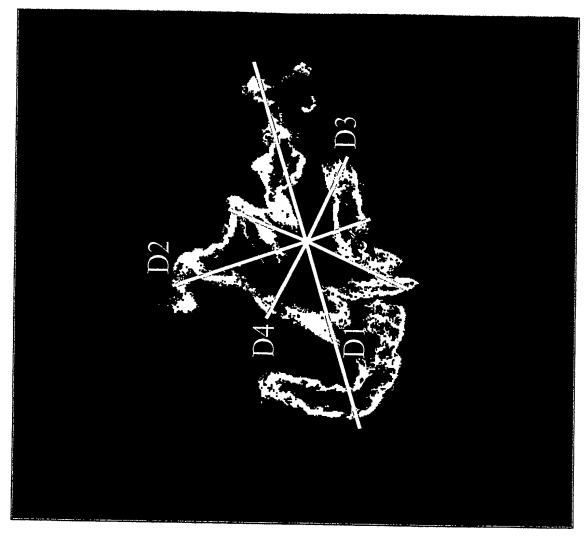
Non-porous Biopolymer (or other) gel



Roll of Porous Film

First Collagen Gel Keratinocytes Multicellular Composite Fibroblasts Second Collagen Gel Collagen Particulate Scaffold Figure 15

Figure 16



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